

NORTHWEST
A

COG OPERATING LLC
SPRUCE FEDERAL NO. 1
K-25 T17S R27E
TD: 5145' KB: 3642'
ACTIVE - GAS
API NUMBER 30-015-24092

LRE OPERATING, LLC
NO BLUFF 30 STATE COM NO. 2
K-25 T17S R27E
TD: 10,552' KB: 3634'
ACTIVE - GAS
API NUMBER 30-015-31123

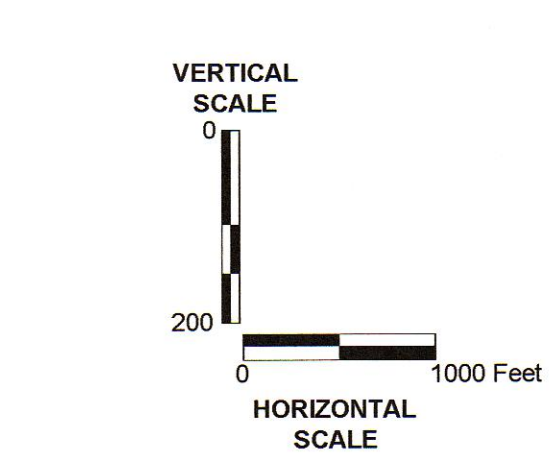
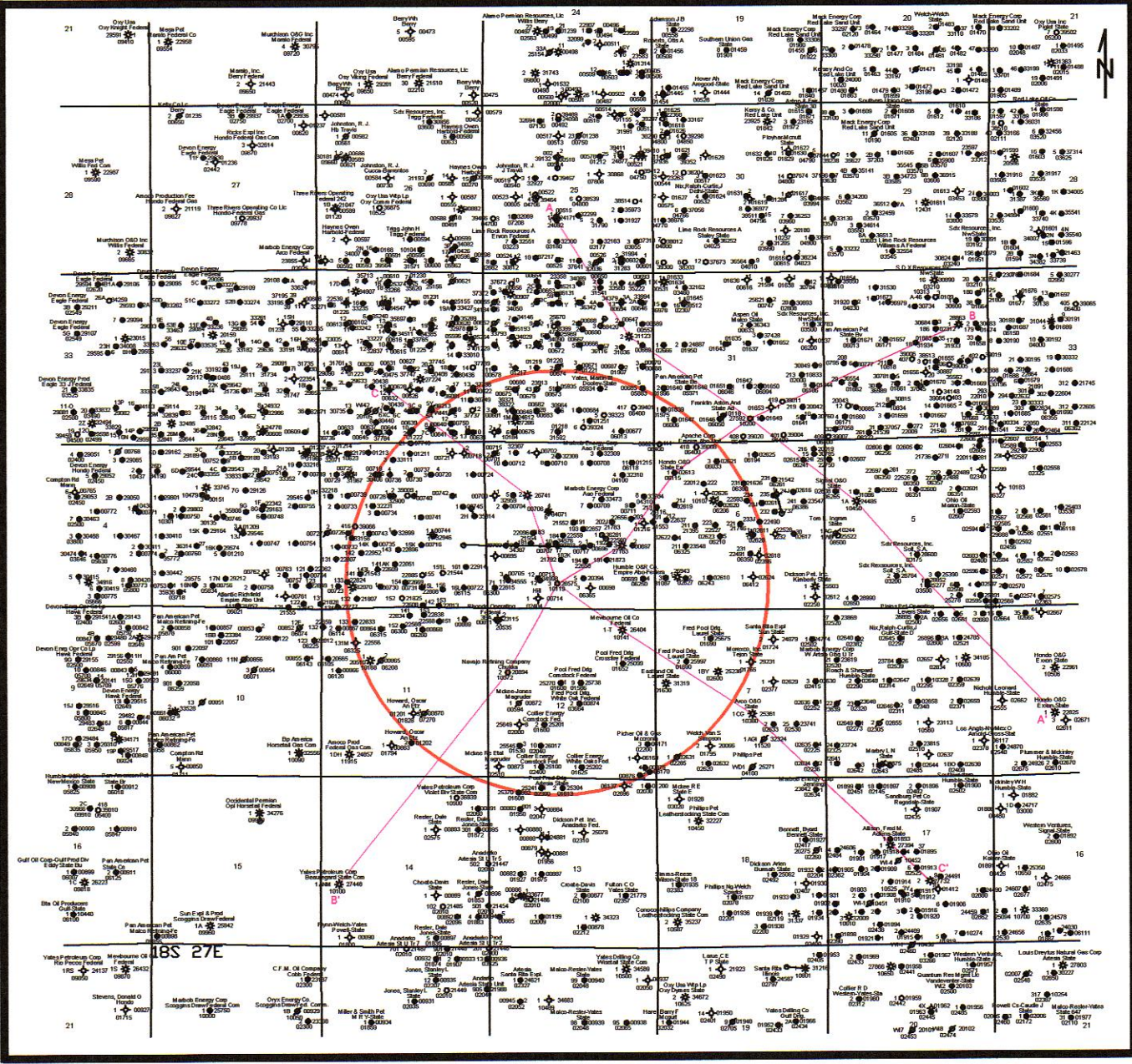
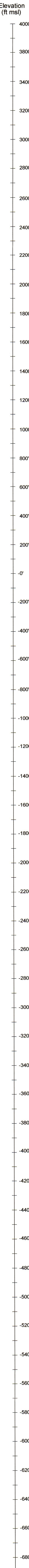
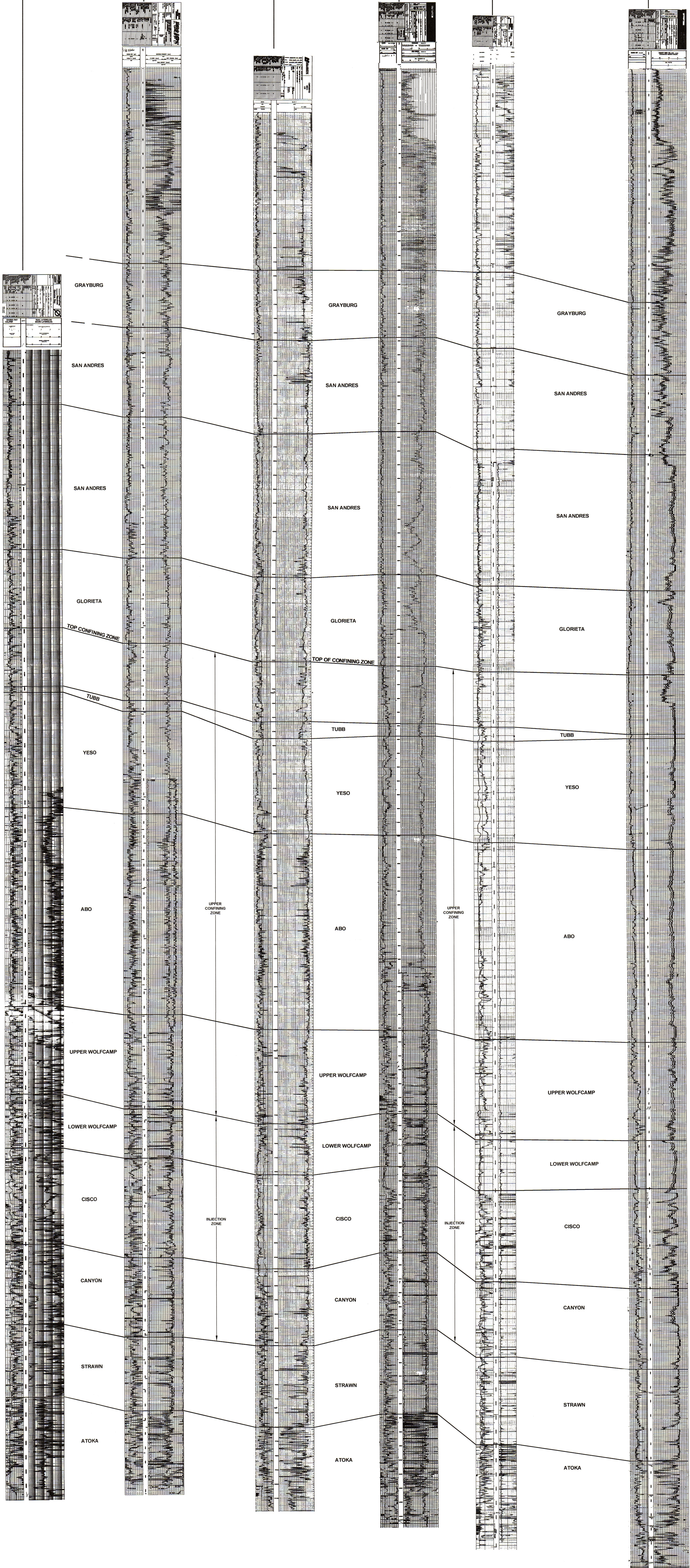
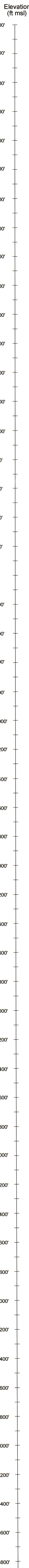
NAVAJO REFINING COMPANY
WOW NO. 1
31 T17S R28E
TD: 10,290' KB: 3670'
ACTIVE - INJECTION
API NUMBER 30-015-27592

CONOCO PHILLIPS CO.
ILLINOIS CAMP A COM NO. 1
E-05 T18S R28E
TD: 10,450' KB: 3672'
ACTIVE - GAS
API NUMBER 30-015-24485

EOG RESOURCES INC.
EMPIRE 4 STATE COM NO. 1
O-05 T18S R28E
TD: 10,436' KB: 3640'
ACTIVE - GAS
API NUMBER 30-015-28852

CHEASPEAKE OPERATING, LLC
BIXON STATE NO. 1
K-05 T18S R28E
TD: 10,510' KB: 3646'
ACTIVE - GAS
API NUMBER 30-015-22825

SOUTHEAST
A'



SUBSURFACE

HOUSTON, TX
SOUTH BEND, IN
BATON ROUGE, LA

DRAWING 5

NAVAJO REFINING COMPANY
ARTESIA, NEW MEXICO

**NORTHWEST - SOUTHEAST DIP
GEOLOGIC CROSS-SECTION A - A'**

DATE: 05/16/12 CHECKED BY: J08 NO. 6046781
DRAWN BY: WJD APPROVED BY: DWG. NO.